

Amendments to the Specification:

Please amend the specification as follows:

Please replace paragraph starting at page 10, line 8, with the following rewritten paragraph:

~~Fig. 3(a) and (b) are views is-a-view showing a section of the microchip of Fig. 2;~~

Please replace paragraph starting at page 10, line 10, with the following rewritten paragraph:

~~Fig. 4(a), (b), (c) and (d) are views is-a-view for explaining a method of using the microchip of Fig. 2;~~

Please replace paragraph starting at page 10, line 12, with the following rewritten paragraph:

~~Fig. 5(a) and (b) are views is-a-view showing a configuration of a microchip according to an embodiment;~~

Please replace paragraph starting at page 10, line 21, with the following rewritten paragraph:

~~Fig. 10(a), (b) and (c) are process sectional views view showing a method of producing a microchip according to an embodiment;~~

Please replace paragraph starting at page 10, line 23, with the following rewritten paragraph:

~~Fig. 11(a), (b) and (c) are process sectional views view showing a method of producing a microchip according to an embodiment;~~

Please replace paragraph starting at page 10, line 25, with the following rewritten paragraph:

Fig. 12(a), (b), (c) and (d) are process sectional views view showing a method of producing a microchip according to an embodiment;

Please replace paragraph starting at page 10, line 27, with the following rewritten paragraph:

Fig. 13(a), (b) and (c) are top views view showing a configuration of the conventional separation apparatus;

Please replace paragraph starting at page 11, line 2, with the following rewritten paragraph:

Fig. 14(a) and (b) are views is-a-view for explaining a stem method in a damming portion of the microchip of Fig. 5;

Please replace paragraph starting at page 11, line 6 with the following rewritten paragraph:

Fig. 16(a) and (b) are views is-a-view showing a configuration of a channel when a separation unit and an analysis unit are provided in the microchip of Fig. 1;

Please replace paragraph starting at page 11, line 9 with the following rewritten paragraph:

Fig. 17(a), (b), (c) and (d) are views is-a-view for explaining a method of producing the damming portion in the microchip of Fig. 15;

Please replace paragraph starting at page 11, line 11 with the following rewritten paragraph:

Fig. 18(a) and (b) are views is-a-view for explaining a method of producing the damming portion in the microchip of Fig. 15; and